

Special Issue

Clinical and Procedural Update on Transcatheter Aortic Valve Replacement (TAVR)

Message from the Guest Editors

Transcatheter aortic replacement (TAVR) has revolutionized the treatment of aortic stenosis. Recently, successive improvements in transcatheter heart valve systems and growing experience in the field have led to a minimalist procedure, with a progressive reduction in periprocedural complications and death. However, there is still room for improvement in several aspects of the TAVR procedure. First, conduction disturbances such as high-degree atrioventricular block requiring permanent pacemaker implantation and new-onset left bundle branch block remain the most frequent drawback of the procedure. Additionally, the risk of paravalvular leak remains higher in TAVR compared to surgical aortic valve replacement. Other important aspects include periprocedural stroke, management of coronary artery disease before and after the procedure, choice of intervention in patients with small aortic annulus, antithrombotic treatment after the procedure, and very long-term durability (>5 years). This Special Issue will address several unresolved questions, including those involving clinical and procedural aspects. Both original research articles and state-of-the-art reviews are welcome.

Guest Editors

Dr. Guillem Muntañé-Carol

1. Interventional Cardiology, Hospital Universitari de Bellvitge, L'Hospitalet de Llobregat, 08907 Barcelona, Spain
2. BIOHEART Cardiovascular Diseases Group, Bellvitge Biomedical Research Institute (IDIBELL), L'Hospitalet de Llobregat, 08908 Barcelona, Spain

Dr. Joan Antoni Gómez-Hospital

1. Interventional Cardiology Department, Hospital Universitari de Bellvitge, 08907 L'Hospitalet de Llobregat, Barcelona, Spain
2. BIOHEART Cardiovascular Diseases Group, Bellvitge Biomedical Research Institute (IDIBELL), 08908 L'Hospitalet de Llobregat, Barcelona, Spain

Deadline for manuscript submissions

closed (31 December 2023)



Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.7
Indexed in PubMed



mdpi.com/si/147513

Journal of Clinical Medicine
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jcm@mdpi.com

mdpi.com/journal/

[jcm](https://mdpi.com/journal/)





Journal of Clinical Medicine

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.7
Indexed in PubMed



mdpi.com/journal/

[jcm](https://jcm.mdpi.com/)



About the Journal

Message from the Editorial Board

There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

Editors-in-Chief

Prof. Dr. Emmanuel Andrès

Internal Medicine Department, University Hospital Strasbourg, 67000
Strasbourg, France

Prof. Dr. Kent Doi

Department of Acute Care Medicine, University of Tokyo, Tokyo, Japan

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Medicine, General and Internal) / CiteScore - Q1
(General Medicine)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2024).